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TI Finishing material with advanced photocatalytic function for finishing of construction surface
IN Miura, Masao
PA Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
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DT Patent
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CC 58-6 (Cement, Concrete, and Related Building Materials)
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CLASS

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JP 2002155612	ICM	E04F013-02
	ICS	B01D053-86; B01J035-02; C04B028-20; C04B014-16; C04B022-06; C04B007-02; C04B016-06; C04B014-30; C04B111-40
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AB The material with good construction property and designability is a mixture of white Shirasu obtained from gray Shirasu by high temperature chemical treatment and TiO2 with advanced photocatalytic function. The material comprises white Shirasu 55-75, hydrated lime 15-40, plaster 15-40, white **cement** 15-40, vinylon chip (filler/reinforcing agent) 0.1-3, TiO2 (advanced **photocatalyst**) 0.2-5, Metolose 0.001-0.01, and inorg. pigment 0.1-5. The photocatalytic function of title material is helpful for the decomposition of the organic harmful substance and toxic gas produced in daily life.
ST finishing material photocatalytic function construction surface; Shirasu lime plaster **cement** finishing material; titania vinylon Metolose pigment finishing material
IT Pigments, nonbiological
Plaster
(finishing material containing; finishing material with advanced photocatalytic function for finishing of construction surface)
IT Shirasu